



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Rainer Bunge

Application No.: 10/561,525

Filing Date: December 20, 2005

Title: GRANULATE MADE OF SINTERED  
OR CELLULAR BROKEN GLASS

) Group Art Unit:  
)  
) Examiner:  
)  
) Confirmation No.:  
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THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL AND ROONEY PC

Date: December 8, 2006

By:

  
Scott W. Cummings  
Registration No. 41,567

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



Attorney's Docket No. 1032553-000057

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Rainer Bunge	)	Group Art Unit:
	)	
Application No.: 10/561,525	)	Examiner:
	)	
Filed: December 20, 2005	)	Confirmation No.:
	)	
For: GRANULATE MADE OF SINTERED	)	
OR CELLULAR BROKEN GLASS	)	

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The following documents, which are listed on the accompanying form PTO 1449, were cited previously: DE 198 17 268 (First Information Disclosure Statement of December 20, 2005), JP 61-048441, JP 63-144144 and JP 5-296501 (Second Information Disclosure Statement of October 2, 2006); however, English-language abstracts were not provided. Accordingly, applicant provides herewith copies of English-language abstracts for these four documents. DE 2 334 101, which is listed on the accompanying form PTO 1449, was also cited in the First Information Disclosure Statement of December 20, 2005. One of the corresponding U. S. priority patents, MacKenzie U. S. Patent No. 3,811,851 (U.S. Application No. 268,999), was cited in the First Information Disclosure Statement. The second corresponding U. S. priority patent, MacKenzie U. S. Patent No. 3,900,303 (U.S. Application No. 268,971), is cited on the accompanying form PTO 1449.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever

is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

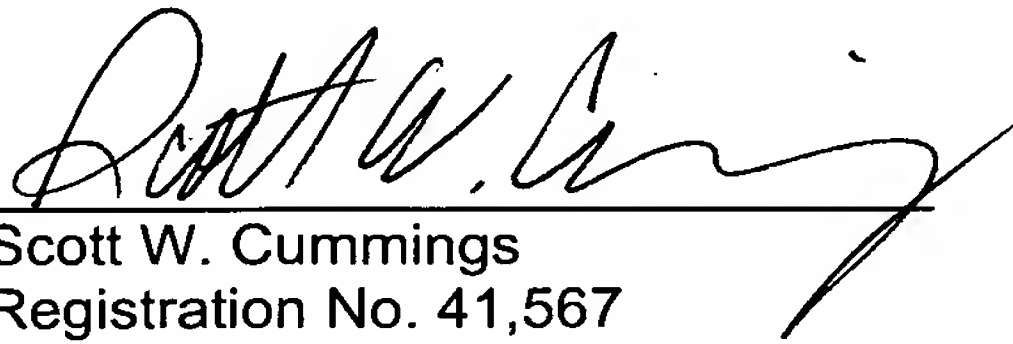
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: December 8, 2006

By:

  
Scott W. Cummings  
Registration No. 41,567

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Alexandria, VA 22313-1404  
703 836 6620

### THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/561,525
Filing Date	December 20, 2005
First Named Inventor	Rainer Bunge
Examiner Name	
Attorney Docket No.	1032553-000057



### U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	3,900,303		MACKENZIE (Corr. to DE 2 334 101)	08-19-1975
	6,616,752	B1	BASURA et al. (Corr. to EP 1 183 218 and WO 00/63132)	09-09-2003

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	2 334 101		DE*	01-17-1974							X
	198 17 268	A1	DE*	10-21-1999						X	X
	5-296501		JP**	11-09-1993						X	X
	61-048441	A	JP**	03-10-1986						X	X
	63-144144	A	JP**	06-16-1988						X	X
	0 292 424	A2	EP	11-23-1988						X	X
	1 183 218	B1	EP (Corr. to USP 6,616,752 of 09-09-2003)	03-19-2003						X	X
	00/63132	A1	WO Corr. to USP 6,616,752 of 09-09-2003)	10-26-2000						X	
	1-307497	A	JP	12-12-1989						X	X
	8-257570	A	JP	10-08-1996						X	X
	01/10786	A1	WO	02-15-2001							X
	0 436 124	A2	EP	07-10-1991						X	X
	195 31 801	A1	DE	03-06-1997						X	X
	197 34 791	A1	DE	02-18-1999						X	X

\*Copy previously provided to the U. S. Patent and Trademark Office in the First Information Disclosure Statement filed 12-20-2005

\*\*Copy previously provided to the U. S. Patent and Trademark Office in the Second Information Disclosure Statement filed 10-02-2006

### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.